## PRODUCT CATALOG

ADVANCED MATERIALS



**EDITION 2024** 

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ENERGY STORAGE SYSTEM

Energy storage materials are used to store energy in different forms (like chemical, mechanical, thermal, or electrical) for future use. They are crucial for efficiently managing and using renewable energy sources, improving energy system flexibility and reliability, and addressing challenges of renewable energy intermittency and variability.

**ENERGY STORGAE** 





#### Request for Price

## NICKEL COBALT MANGANESE

NCM 613 114 811 622 523 111 Ni90 Tap density(g/cm3): 2.28 Weight:100/200/500/1000g

Availability: InStock



#### Request for Price

#### LFP LI ION BATTERY

LiFePO4

Availability: InStock



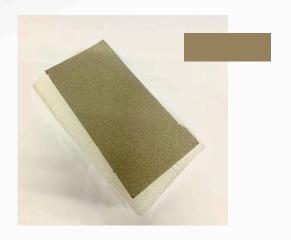
#### Request for Price

## NICKEL COBALT ALUMINUM

Model Number: NCA N-8L Tap density(g/cm3): 1.6±0.3 Weight:100/200/500/1000g

Availability: InStock





Request for Price

#### **NICKEL FOAM**

various size and thickness. 1.6umT\*200mmW\*300mmL

Availability - Readystock

#### Request for Price

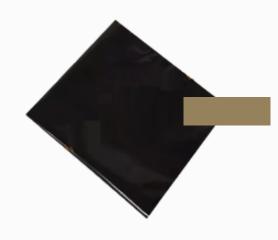
## FUEL CELL MATERIAL CONDUCTIVE CARBON CLOTH

Model Number: W0S1011/W1S1010 /W1S1011

Thickness: 0.33/0.36/0.38/0.41mm

Resistance( $m\Omega cm2$ ):1.89

Availability - InStock





Request for Price

## **GRAPHITE FOIL**

Size 0.5 mmT \* 200 mmL \* 250 mmW

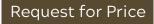
Availability - Readystock





#### **EXFOLIATED GRAPHENE**

digunakan untuk berbagai aplikasi material baterai





#### LITHIUM HYDROXIDE 98%

Catalogue Number | 105691 CAS number | 1310-65-2 EC number | 215-183-4 Hill Formula | HLiO Chemical formula | LiOH Molar Mass | 23.95 g/mol

Request for Price



## POLYVINYLIDENE FLUORIDE

Nomor model: HSV900/SOLVAY 5130

**Purity: ≥99.5%** 

Melting Point: 160~168°C

Request for Price



#### SILVER NITRATE

Silver Nitrate for Chemical

Reagent

Brand: MERCK Origin: Germany Kemasan: 25 g





#### SILVER POWDER

CAS number 7440-22-4 a noble metal that exhibits high electrical conductivity  $(6.3 \times 107 \text{ at } 20 \text{ °C})$ 

#### Request for Price



## IRON OXIDE (FE3O4) NANOPOWDER

CAS number 1317-61-9 is a type of iron oxide containing both iron (II) and iron (III) ions, also written as FeO·Fe2O3. Fe3O4. It occurs in nature as the mineral magnetite, exhibiting ferrimagnetism.

Request for Price



#### **HOLEY GRAPHENE**

CAS number 1034343-98-0), defined as a periodic array is created via facile microscopic engineering to generate holes in basal planes of graphene-based materials

Request for Price



## NICKEL (II) OXIDE POWDER

CAS number 1313-99-1, adopts a face-centre cubic crystalline structure. It has been used to produce frits, ferrites, and porcelain glazes.



# CARBON BASED MATERIALS

Carbon-based materials encompass a diverse range of substances composed primarily of carbon atoms bonded together, often with other elements. Diamond is used in jewelry and cutting tools, graphite in lubrication and electronics, and carbon nanotubes in nanotechnology and composites. Fullerenes have unique properties for medicine and materials science, while graphene shows promise in electronics and energy storage. Activated carbon purifies water and air, and carbon fiber is essential in aerospace and automotive industries.

CARBON BASED

# CARBON BASED MATERIALS





#### **CARBON SUPER C65**

TIMCAL Graphite & Carbon Super C65

Request for Price



#### **CARBON SUPER C45**

TIMCAL Graphite & Carbon Super C45

Request for Price



## **CARBON SUPER P**

TIMCAL Graphite & Carbon Super P

Request for Price



## KURARAY ACTIVE CARBON YP50F

For assymmetric supercapacitor.

Nama merek: Kuraray Nomor model: YP-50F

Moisture:0.38

# CARBON BASED MATERIALS





## LI CHIP

Li Chip, Li Metal, Lithium Metal. Fit for CR2032 coin cell case.

#### Request for Price



## MWCNT-WATER DISPERSION

4 wt%, Purity: > 96%, OD: 45-75 nm, Length: 8-18 μm

Request for Price



## TUBALL BATT NMP SWCNT

For High Energy Cathode Battery Materials Weight: 1kg/bottle

Concentrate carrier: NMP, PVDF, others

#### Request for Price



## HIGH PURITY CNT

Weight: 30/100/200/500/1000g/bag

Purity: 97.5%/99.5%

Resistivity (m $\Omega$ .cm):60-90



## QUANTUM DOTS MATERIALS

Quantum dots are nanoscale semiconductor particles known for their unique optical and electronic properties due to quantum confinement effects. They range from 2 to 10 nanometers in size, exhibiting tunable optical characteristics based on size, shape, and composition. Quantum dots emit light across the visible spectrum, making them ideal for display technologies and biological imaging. They also serve as efficient charge carriers for applications in photovoltaics and light-emitting devices. Quantum dots hold great promise for diverse applications, including displays, lighting, solar cells, and quantum computing.

QUANTUM DOTS

## QUANTUM DOTS





## PBS QUANTUM DOTS, OLEIC ACID CAPPED

The absorption/emission profiles can be tuned from 800 to 2200 nm, simply by changing nanoparticle sizes from 2 to 12 nm

Request for Price



## INAS QUANTUM DOTS, FATTY ACID CAPPED

The absorption cut-off profiles can be tuned from 900 to 1600 nm simply by changing the nanoparticle sizes from 3 to 7 nm

Request for Price



## ETL AND HTL MATERIALS

enabling the fabrication of highly efficient short-wave infrared (SWIR) photodiodes and image sensors

Request for Price



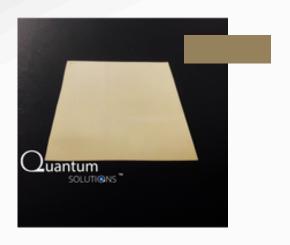
## PBS QUANTUM DOT

N-TYPE INK

specifically designed for the fabrication of highly efficient SWIR (short-wave infrared) photodiodes and image sensors

## QUANTUM DOTS





#### Request for Price

## PEROVSKITE X-RAY SCINTILLATOR

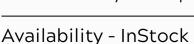
converting ionising radiation into visible photons, inspection, failure/cracks detection, security X-ray imaging, nuclear cameras, and computed tomography

Availability - InStock

#### Request for Price

#### PEROVSKITE SINGLE CRYSTALS

excellent X-ray photoelectric properties due to their high X-ray light absorption coefficients, long-range balanced electron and hole transport, long carrier diffusion lengths (as long as 3 mm), and remarkably low trap densities







## Request for Price

## PEROVSKITE ABX3 QUANTUM DOTS

Wide product range, with emission peaks from 450 to 530 nm available

Availability - InStock

# DSSC DYES & ELECTROLYTES MATERIALS



Dye-sensitized solar cells (DSSCs) are thin film solar cells designed around organic dyes in electrochemical cells. Considered to be the third generation of solar cell, DSSCs are comparatively cheap and straight-forward to produce and do not require the use of toxic chemicals.

DSSC DYES & ELECTROLYTES

# DSSC DYES & ELECTROLYTES



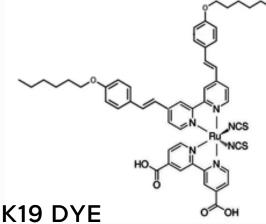
Di-tetrabutylammonium cisbis(isothiocyanato)bis(2,2′-bipyridyl-4,4′-dicarboxylato)ruthenium(II), N719 dye (CAS number 207347-46-4), is the ammonium salt of N3 dye.

#### Request for Price

## N749 BLACK DYE

N749, [(C4H9)4N]3[Ru(Htcterpy) (NCS)3], developed for the widest range spectral sensitisation of wide band-gap oxide semiconductors (like titanium dioxide up to wavelengths beyond 800nm).

Request for Price



Cis-bis(thiocyanato)(2,2'-bipyridyl-4,4'-dicarboxylic acid)(4,4'-bis(phexyloxystyryl)-2,2'-bipyridine)ruthenium(II), K19 Dye sensitizer, is ruthenium complex dye developed for high-efficiency dyesensitized solar cells (DSSC).

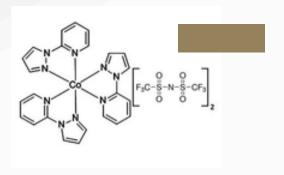
#### Request for Price

## **C106 DYE**

C106 Dye is ruthenium complex dye developed for high-efficiency dyesensitized solar cells (DSSC).

# DSSC DYES & ELECTROLYTES





Availability - InStock

#### Request for Price

## FK102-CO(II)TFSI SALT

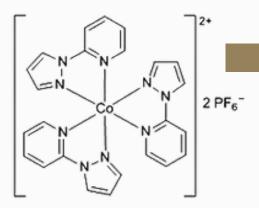
Cobalt complex, tris(2-(1H-pyrazol-1-yl)pyridine) cobalt(II) di[bis(trifluoromethane)sulfonimide] (FK102 Co(II)-TFSI) is used as p-dopant materials to enhance the conductivity and lead to a downward shift of the energy levels in most case of the perovskite solar cells.

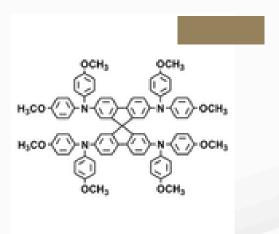
#### Request for Price

## FK102-CO(II)PF6 SALT

Tris(2-(1H-pyrazol-1-yl)pyridine)cobalt(II) di[hexafluorophosphate], commonly known as FK102 Co(II)PF6 Salt, is used as redox electrolyte in DSSC or hole transport and dopant materials in perovskite solar cells.

Availability - InStock





#### Request for Price

## SPIRO-OMETAD (SPIRO-MEOTAD)

CAS number 207739-72-8, is one of the most studied and suitable <u>hole transport</u> <u>layer materials (HTL)</u> due to its facile implementation and high performance in organic-inorganic electronic devices.

Availability - InStock





| Product  | Packing | Product  | Packing |
|--|---------|--|---------|
| 1,1,2,2-Tetrachloroethane                            | 1 KG    | Sodium Phosphate Dibasic Heptahydrate (Na <sub>2</sub> HPO <sub>4</sub> , 7H <sub>2</sub> O) | 1 KG    |
| 1,10-Phenanthroline Monohydrate                      | 10 GR   | Sodium Salicylate  | 1 KG    |
| 1,2-Dichlorobenzene                                  | 4 LT    | Sodium Sulphate Anhydrous  | 1 KG    |
| 1,2-Dichloroethane                                   | 4 LT    | Sodium Sulphate Anhydrous  | 5 KG    |
| 1,4-Dioxane  | 1 LT    | Sodium Sulphide Hydrate  | 1 KG    |
| Acetic Acid Glacial                                  | 2.5 LT  | Sodium Thiosulphate Anhydrous  | 1 KG    |
| Acetonitrile   | 4 LT    | Sodium Thiosulphate Pentahydrate   | 1 KG    |
| Aluminium Chloride Hexahydrate                       | 1 KG    | Sodium Thiosulphate Pentahydrate   | 5 KG    |
| Aluminium Sulphate 18-Hydrate<br>(Octadecahydrate)   | 1 KG    | Sodium Thiosulphate Solution 0.01 N<br>(0.01 M)  | 1 LT    |
| Ammonia Solution                                     | 2.5 LT  | Sodium Thiosulphate Solution 0.1 N<br>(0.1 M)  | 1 LT    |
| Ammonium Acetate                                     | 1 KG    | Sodium Tungstate Dihydrate   | 500 GR  |
| Ammonium Acetate                                     | 2.5 KG  | Sodium Tungstate Dihydrate   | 1 KG    |
| Ammonium Bicarbonate                                 | 1 KG    | SPADNS   | 5 GR    |
| Ammonium Carbonate                                   | 1 KG    | Starch Soluble   | 500 GR  |
| Ammonium Ceric Nitrate                               | 100 GR  | Starch Soluble   | 1 KG    |
| Ammonium Ceric Sulphate                              | 100 GR  | Stearic Acid   | 1 KG    |
| Ammonium Chloride                                    | 1 KG    | Strontium Nitrate  | 250 GR  |
| Ammonium Chloride                                    | 2.5 KG  | Sucrose  | 500 GR  |
| Ammonium Ferric Sulphate<br>Dodecahydrate (Iron III) | 1 KG    | Sucrose  | 1 KG    |
| Ammonium Ferrous Sulphate<br>Hexahydrate (Iron II)   | 1 KG    | Sulphosalicylic Acid   | 500 GR  |
| Ammonium Hydrogen Difluoride                         | 500 GR  | Sulphosalicylic Acid   | 1 KG    |
| Ammonium Metavanadate                                | 25 GR   | Sulphuric Acid Solution 0.02 N (0.01 M)  | 1 LT    |
| Ammonium Metavanadate                                | 100 GR  | Sulphuric Acid Solution 0.1 N (0.05 M)   | 1 LT    |
| Ammonium Metavanadate                                | 500 GR  | Sulphuric Acid Solution 0.2 N (0.1 M)  | 1 LT    |
| Ammonium Molybdate                                   | 1 KG    | Sulphuric Acid Solution 0.5 N (0.25 M)   | 1 LT    |
| Ammonium Nitrate                                     | 1 KG    | Sulphuric Acid Solution 1.0 N (0.5 M)  | 1 LT    |
| Ammonium Oxalate                                     | 1 KG    | Ammonium Persulphate   | 5 KG    |
| Ammonium Persulphate                                 | 1 KG    | Ammonium Phosphate Monobasic   | 1 KG    |
| Ammonium Persulphate                                 | 5 KG    | Ammonium Purpurate (Murexide)  | 25 GR   |



| Product                             | Packing           | Product                                      | Packing |
|-------------------------------------|-------------------|--|---------|
| Ammonium Sulphate                   | 1 KG              | Calcium Carbonate Precipitated               | 1 KG    |
| Ammonium Thiocyanate                | 1 KG              | Calcium Chloride (Fused) Anhydrous           | 1 KG    |
| Aniline                             | 1 LT              | Calcium Chloride Dihydrate                   | 1 KG    |
| Aquadest                            | 5 LT              | Calcon                                       | 50 GR   |
| Aquadest                            | 25 LT             | Chloral Hydrate                              | 1 KG    |
| Arsenic (III) Oxide                 | 100 GR            | Chlorobenzene                                | 4 LT    |
| Auric Chloride 49 % (Gold Chloride) | 1 GR              | Chloroform                                   | 4 LT    |
| Barium Acetate                      | 1 KG              | Citric Acid Monohydrate                      | 1 KG    |
| Barium Carbonate                    | 1 KG              | Cobalt (II) Chloride Hexahydrate             | 100 GR  |
| Barium Chloride Dihydrate           | 1 KG              | Cobalt (II) Nitrate Hexahydrate              | 100 GR  |
| Barium Hydroxide Octahydrate        | 1 KG              | Cobalt (II) Sulphate Heptahydrate            | 100 GR  |
| Barium Nitrate                      | 1 KG              | Copper (II) Oxide                            | 100 GR  |
| Barium Sulphate                     | 1 KG              | Copper Sulphate Pentahydrate                 | 1 KG    |
| Benzene                             | 4 LT              | C-Reagent                                    | 1 LT    |
| Benzoic Acid                        | 1 KG              | Cyclohexane                                  | 4 LT    |
| Benzyl Alcohol                      | 4 LT              | Cyclohexanone                                | 4 LT    |
| Bismuth Sulphite                    | 1 KG              | Dibutyl Phthalate                            | 2.5 LT  |
| Boric Acid                          | 1 KG              | Dichloromethane                              | 4 LT    |
| Brilliant Blue G                    | 25 GR             | Diethyl Ether *                              | 4 LT    |
| Brilliant Blue R                    | 25 GR             | Diisopropylamine                             | 1 LT    |
| Brilliant Green                     | 25 GR             | di-Lithium Tetraborate                       | 100 GR  |
| Bromine Liquid                      | 250 ML<br>x 2 BTL | Dimidium Bromide                             | 1 GR    |
| Bromocresol Green                   | 10 GR             | di-Sodium Tetraborate Decahydrate<br>(Borax) | 500 GR  |
| Bromocresol Green                   | 25 GR             | di-Sodium Tetraborate Decahydrate<br>(Borax) | 1 KG    |
| Bromocresol Purple                  | 25 GR             | DPPH (Free Radical)                          | 50 MG   |
| Bromothymol Blue                    | 25 GR             | DPPH (Free Radical)                          | 1 GR    |
| Bromothymol Blue                    | 100 GR            | EDTA Disodium Salt                           | 1 KG    |
| Buffer Solution pH 2.0              | 1 LT              | EDTA Disodium Solution 0.1 N (0.05 M)        | 1 LT    |
| Buffer Solution pH 4.0              | 1 LT              | EDTA Disodium Solution 0.2 N (0.1 M)         | 1 LT    |
| Buffer Solution pH 5.0              | 1 LT              | EDTA Disodium Solution 0.4 N (0.2 M)         | 1 LT    |
| Buffer Solution pH 7.0              | 1 LT              | Eosin Yellow                                 | 25 GR   |
| Buffer Solution pH 7.5              | 1 LT              | Eriochrome Black T                           | 25 GR   |
| Buffer Solution pH 9.0              | 1 LT              | Eriochrome Black T                           | 100 GR  |
| Buffer Solution pH 10.0             | 1 LT              | Ethanol                                      | 4 LT    |
|                                     |                   |  |         |



| Product   | Packing | Product                             | Packing |
|---|---------|-------------------------------------|---------|
| Ethyl Acetate                                     | 4 LT    | Iodine Solution 0.2 N (0.1 M)       | 1 LT    |
| Ethylene Glycol                                   | 4 LT    | Iron (III) Chloride Anhydrous       | 100 GR  |
| Ferrous Sulphate Heptahydrate                     | 1 KG    | Iron (III) Chloride Hexahydrate     | 250 GR  |
| Formaldehyde Solution 10 %                        | 4 LT    | Isoamyl Alcohol 99%                 | 2.5 LT  |
| Formaldehyde Solution 37 %                        | 4 LT    | Isooctane                           | 2.5 LT  |
| Formic Acid 98%                                   | 1 LT    | Isopropyl Alcohol                   | 4 LT    |
| Giemsa Solution                                   | 1 LT    | Isopropyl Alcohol                   | 25 LT   |
| Giemsa's Stain                                    | 25 GR   | L (+) Tartaric Acid                 | 1 KG    |
| Glycerol  | 4 LT    | Lactic Acid                         | 2.5 LT  |
| Glycine   | 250 GR  | L-Ascorbic Acid                     | 1 KG    |
| Glycine   | 1 KG    | Lead Acetate Trihydrate             | 1 KG    |
| Heptanes  | 2,5 LT  | Lead Nitrate                        | 1 KG    |
| Hexamine  | 500 GR  | Leishman's Stain                    | 25 GR   |
| Hydrochloric Acid 15 % *                          | 2.5 LT  | Light Green                         | 25 GR   |
| Hydrochloric Acid 20 % *                          | 2.5 LT  | Lithium Metaborate Anhydrous        | 1 KG    |
| Hydrochloric Acid 25 % *                          | 2.5 LT  | Lithium Nitrate Anhydrous           | 500 GR  |
| Hydrochloric Acid 30 % *                          | 2.5 LT  | Litmus Granular                     | 500 GR  |
| Hydrochloric Acid 32 % *                          | 2.5 LT  | Litmus Solution 0.1 N (0.02 M)      | 1 LT    |
| Hydrochloric Acid 37 % *                          | 2.5 LT  | Magnesium Chloride Hexahydrate      | 1 KG    |
| Hydrochloric Acid Solution 0.01 N                 | 1 LT    | Magnesium Oxide                     | 500 GR  |
| Hydrochloric Acid Solution 0.02 N                 | 1 LT    | Magnesium Oxide                     | 1 KG    |
| Hydrochloric Acid Solution 0.1 N                  | 1 LT    | Magnesium Perchlorate Hydrate       | 500 GR  |
| Hydrochloric Acid Solution 0.1 N in<br>2-Propanol | 1 LT    | Magnesium Sulphate Heptahydrate     | 1 KG    |
| Hydrochloric Acid Solution 0.1 N in<br>Ethanol    | 1 LT    | Maltose Monohydrate                 | 1 KG    |
| Hydrochloric Acid Solution 0.4 N                  | 1 LT    | Manganese (II) Sulphate Monohydrate | 250 GR  |
| Hydrochloric Acid Solution 0.5 N                  | 1 LT    | Mercury (II) Acetate                | 25 GR   |
| Hydrochloric Acid Solution 1.0 N                  | 1 LT    | Mercury (II) Acetate                | 100 GR  |
| Hydrochloric Acid Solution 2.0 N                  | 1 LT    | Mercury (II) Chloride               | 50 GR   |
| Hydrofluoric Acid 40 %                            | 2.5 LT  | Mercury (II) Chloride               | 250 GR  |
| Hydrogen Peroxide Soln 30%                        | 500 ML  | Mercury (II) Sulphate               | 250 GR  |
| Hydroquinone                                      | 250 GR  | Methanol                            | 4 LT    |
| Hydroxylammonium Chloride                         | 250 GR  | Methanol                            | 25 LT   |
| Iodine Resublimed *                               | 100 GR  | Methanol Anhydrous                  | 4 LT    |
| Iodine Resublimed *                               | 500 GR  | Methanol                            | 4 LT    |
| Iodine Solution 0.1 N (0.05 M)                    | 1 LT    | Methyl Ethyl Ketone *               | 4 LT    |



| Product                            | Packing | Product  | Packing |
|------------------------------------|---------|--|---------|
| Methyl Orange                      | 25 GR   | Phenol + Ethanol (4 :1 W/V) (Mixture)              | 1 LT    |
| Methyl Orange                      | 100 GR  | Phenol + o-DCB (Mixture)                           | 4 KG    |
| Methyl Red                         | 25 GR   | Phenolphthalein                                    | 25 GR   |
| Methyl Red                         | 100 GR  | Phenolphthalein                                    | 100 GR  |
| Methyl Red Solution 0.1% Alcoholic | 1 LT    | Phenolphthalein                                    | 500 GR  |
| Methylene Blue                     | 25 GR   | Phenolphthalein Solution 1% in Ethanol             | 500 ML  |
| Methylene Blue                     | 100 GR  | Phosphoric Acid 85 %                               | 2.5 LT  |
| N,N-Dimethylformamide              | 4 LT    | Picric Acid (Moistened with Water)                 | 500 GR  |
| N-Butanol                          | 4 LT    | Platinum Chloride                                  | 1 GR    |
| N-Heptane                          | 2.5 LT  | Potassium Bromate                                  | 100 GR  |
| N-Hexane                           | 4 LT    | Potassium Bromate                                  | 250 GR  |
| Nickel Chloride Hexahydrate        | 500 GR  | Potassium Bromide                                  | 500 GR  |
| Nickel Nitrate Hexahydrate         | 500 GR  | Potassium Carbonate Anhydrous                      | 1 KG    |
| Nickel Sulphate Hexahydrate        | 500 GR  | Potassium Chloride                                 | 1 KG    |
| Ninhydrin                          | 10 GR   | Potassium Chloride Solution 0.1 N (0.1 M)          | 1 LT    |
| Ninhydrin                          | 100 GR  | Potassium Chloride Solution 1.0 N (1.0 M)          | 1 LT    |
| Nitric Acid 5 %                    | 2.5 LT  | Potassium Chloride Solution 3.0 N (3.0 M)          | 1 LT    |
| Nitric Acid 65 %                   | 2.5 LT  | Potassium Chloroplatinate                          | 1 GR    |
| Nitric Acid 69-71 %                | 2.5 LT  | Potassium Chromate                                 | 500 GR  |
| N-Pentane                          | 4 LT    | Potassium Chromate                                 | 1 KG    |
| o-Cresol                           | 1 LT    | Potassium Cyanide                                  | 1 KG    |
| o-Cresol + Chloroform (Mixture)    | 4 LT    | Potassium Dichromate                               | 500 GR  |
| Oxalic Acid Dihydrate              | 1 KG    | Potassium Dichromate                               | 1 KG    |
| Palladium Chloride (Purified)      | 1 GR    | Potassium Disulphite<br>(Potassium Metabisulphite) | 1 KG    |
| Paraformaldehyde                   | 1 KG    | Potassium Ferricyanide                             | 500 GR  |
| p-Dimethylamino Benzaldehyde       | 100 GR  | Potassium Ferrocyanide                             | 500 GR  |
| Perchloric Acid 70 %               | 2.5 LT  | Potassium Fluoride Anhydrous                       | 1 KG    |
| Perchloric Acid Solution 0.1 N     | 1 LT    | Potassium Hydrogen Phthalate                       | 1 KG    |
| Periodic Acid                      | 100 GR  | Potassium Hydroxide 0.01 N in<br>2-Propanol        | 1 LT    |
| Petroleum Ether 40-60 °C           | 4 LT    | Potassium Hydroxide 0.1 N in 2-Propanol            | 1 LT    |
| Petroleum Ether 80-100 °C          | 4 LT    | Potassium Hydroxide 0.1 N in Ethanol               | 1 LT    |
| Phenol Crystal                     | 1 KG    | Potassium Hydroxide 0.5 N in Ethanol               | 1 LT    |
| Phenol Crystal                     | 2 KG    | Potassium Hydroxide Pellets                        | 1 KG    |
| Phenol Crystal                     | 2.5 KG  | Potassium Hydroxide Pellets                        | 5 KG    |
| Phenol Crystal                     | 4 KG    | Potassium Hydroxide Solution 0.1 N                 | 1 LT    |



| Product  | Packing | Product   | Packing |
|--|---------|---|---------|
| Potassium Hydroxide Solution 1.0 N   | 1 LT    | Sodium Azide  | 100 GR  |
| Potassium Iodate   | 500 GR  | Sodium Benzoate   | 1 KG    |
| Potassium Iodate   | 1 KG    | Sodium Bicarbonate  | 1 KG    |
| Potassium Iodide   | 500 GR  | Sodium Bisulphite   | 1 KG    |
| Potassium Iodide   | 1 KG    | Sodium Carbonate Anhydrous  | 1 KG    |
| Potassium Nitrate  | 1 KG    | Sodium Chloride   | 1 KG    |
| Potassium Persulphate  | 1 KG    | Sodium Chloride   | 5 KG    |
| Potassium Phosphate Dibasic Anhydrous (K <sub>2</sub> HPO <sub>4</sub> )   | 1 KG    | Sodium Chloride Solution 0.1 N  | 1 LT    |
| Potassium Phosphate Monobasic Anhydrous (KH <sub>2</sub> PO <sub>4</sub> ) | 1 KG    | Sodium Cyanide  | 1 KG    |
| Potassium Pyrosulphate   | 1 KG    | Sodium Diethyldithiocarbamate<br>Trihydrate   | 100 GR  |
| Potassium Sodium Tartrate Tetrahydrate                                     | 1 KG    | Sodium Dihydro. Orthophos. Anhydrous (NaH <sub>2</sub> PO <sub>4</sub> )  | 1KG     |
| Potassium Sulphate   | 1 KG    | Sodium Dihydro. Orthophos. Dihydrate (NaH <sub>2</sub> PO <sub>4</sub> . 2H <sub>2</sub> O)   | 1 KG    |
| Potassium Sulphate   | 5 KG    | Sodium Fluoride   | 1 KG    |
| Potassium Thiocyanate  | 1 KG    | Sodium Hydroxide Pellets  | 1 KG    |
| Pyridine   | 4 LT    | Sodium Hydroxide Pellets  | 5 KG    |
| Reagent SDA 3A   | 4 LT    | Sodium Hydroxide Solution 32 %  | 1 LT    |
| Ruthenium Red 34 %   | 1 GR    | Sodium Hydroxide Solution 0.1 N (0.1 M)   | 1 LT    |
| Ruthenium Trichloride 40 %   | 1 GR    | Sodium Hydroxide Solution 0.2 N (0.2 M)   | 1 LT    |
| Salicylic Acid   | 1 KG    | Sodium Hydroxide Solution 0.5 N (0.5 M)   | 1 LT    |
| Silica Gel Blue (6-20 Mesh)  | 1 KG    | Sodium Hydroxide Solution 1.0 N (1.0 M)   | 1 LT    |
| Silver Acetate   | 25 GR   | Sodium Hydroxide Solution 2.0 N (2.0 M)   | 1 LT    |
| Silver Bromide   | 25 GR   | Sodium Iodide   | 500 GR  |
| Silver Carbonate   | 25 GR   | Sodium Metaperiodate  | 500 GR  |
| Silver Chloride  | 25 GR   | Sodium Metaperiodate  | 1 KG    |
| Silver Iodide  | 25 GR   | Sodium Molybdate Dihydrate  | 500 GR  |
| Silver Nitrate   | 25 GR   | Sodium Molybdate Dihydrate  | 1 KG    |
| Silver Nitrate   | 100 GR  | Sodium Nitrate  | 1 KG    |
| Silver Nitrate Solution 0.01 N (0.01 M)                                    | 1 LT    | Sodium Nitrite  | 1 KG    |
| Silver Nitrate Solution 0.1 N (0.1 M)                                      | 1 LT    | Sodium Nitroprusside Dihydrate  | 25 GR   |
| Silver Nitrate Solution 1.0 N (1.0 M)                                      | 1 LT    | Sodium Nitroprusside Dihydrate  | 100 GR  |
| Silver Oxide   | 25 GR   | Sodium Oxalate ( Disodium Oxalate )   | 500 GR  |
| Silver Sulphate  | 25 GR   | Sodium Oxalate ( Disodium Oxalate )   | 1 KG    |
| Silver Sulphate  | 100 GR  | Sodium Phos. Tribasic Dodecahydrate<br>(Na <sub>2</sub> PO <sub>4</sub> , 12H <sub>2</sub> O)   | 1 KG    |
| Sodium Acetate Anhydrous   | 1 KG    | (Na <sub>3</sub> PO <sub>4</sub> . 12H <sub>2</sub> O)<br>Sodium Phos. Tribasic Dodecahydrate<br>(Na <sub>3</sub> PO <sub>4</sub> . 12H <sub>2</sub> O) | 5 KG    |
| Sodium Acetate Trihydrate  | 1 KG    | Sodium Phosphate Dibasic Anhydrous (Na <sub>2</sub> HPO <sub>4</sub> )  | 1 KG    |



| Product                               | Packing | Product                      | Packing |
|---------------------------------------|---------|------------------------------|---------|
| Sulphuric Acid Solution 2.0 N (1.0 M) | 1 LT    | Universal Indicator Solution | 1 LT    |
| Sulphuric Acid Solution 5.0 N (2.5 M) | 1 LT    | Urea                         | 1 KG    |
| TBN Solvent 3 Mixture                 | 4 LT    | Vanillin                     | 100 GR  |
| tert- Buthyl Methyl Ether             | 2.5 LT  | Water                        | 1 LT    |
| Tetrahydrofuran                       | 2.5 LT  | Wij's Solution               | 2.5 LT  |
| Thymol Blue                           | 25 GR   | Xylene                       | 4 LT    |
| Thymolphthalein                       | 100 GR  | Xylenol Orange               | 25 GR   |
| Tin (II) Chloride Dihydrate           | 250 GR  | Xylenol Orange               | 100 GR  |
| T-Reagent                             | 1 LT    | Zinc Acetate Dihydrate       | 1 KG    |
| tri-Sodium Citrate Anhydrous          | 1 KG    | Zinc Chloride                | 1 KG    |
| tri-Sodium Citrate Dihydrate          | 1 KG    | Zinc Dust                    | 500 GR  |
| Tween 20                              | 500 ML  | Zinc Nitrate Hexahydrate     | 1 KG    |
| Tween 80                              | 500 ML  | Zinc Oxide                   | 1 KG    |
| Universal Indicator Solution          | 1 LT    | Zinc Sulphate Heptahydrate   | 1 KG    |

# ADVANCED MATERIALS CATALOG

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